

W-Series**WPD 109 1X185/2X35+3X25+4X16 GY****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com

Product image**Power feed-in**

Our wide range of W-Series terminal blocks with our WPD main line branch terminals, which are optimised to guarantee both convenience and space gains, ensures a secure and convenient connection at the power feed-in.

General ordering data

Type	WPD 109 1X185/2X35+3X25+4X16 GY
Order No.	1562090000
Version	W-Series, Distribution block, Rated cross-section: Screw connection, Terminal rail / mounting plate
GTIN (EAN)	4050118384895
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Width	51.1 mm	Width (inches)	2.012 inch
Height	95 mm	Height (inches)	3.74 inch
Depth	77 mm	Depth (inches)	3.031 inch
Net weight	454 g		

Temperatures

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	130 °C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Material data

Material	Wemid	Colour	Light Grey
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection	Tightening torque (clamping screw for aluminium conductors)	22.59 Nm (25 mm ²) / 5... 11.29 Nm (16 mm ²)
Tightening torque (clamping screw for copper conductors)	19 Nm (185 mm ²) / 2 Nm (25 mm ²) / 2.5 Nm (35 mm ²)	End cover plate required	No
Number of potentials	1	Number of levels	1
No. of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	Yes	PE connection	No
N-function	Yes	PE function	No
PEN function	No		

Additional technical data

Installation advice	Terminal rail / mounting plate	Open sides	closed
Type of mounting	Snap-on		

CSA rating data

Certificate number (cCSAus)	70128467
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Conductors for clamping (rated connection)

Connection direction	on side	Type of connection	Screw connection
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Rating data

Rated AC voltage	1,000 V AC	Rated DC voltage	1,500 V DC
Rated current	353 A	Current at maximum wires	353 A
Standards	IEC 60947-7-1, UL 1059		

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Technical data**UL rating data**

Certificate No. (UR)	E60693
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Classifications

ETIM 5.0	EC001329	ETIM 6.0	EC000897
eClass 6.2	27-14-11-20	eClass 7.1	27-14-11-20
eClass 8.1	27-14-11-20	eClass 9.0	27-14-11-20
eClass 9.1	27-14-11-20		

Product information

Product information	Power distribution block (Bus Bar) also usable for distribution of neutral conductor and function earth.
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Approvals

Approvals



ROHS	Conform
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Downloads

Approval/Certificate/Document of Conformity	DE_PT1001_20160419_009_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP

Safety note

Safety notice	Safety Information
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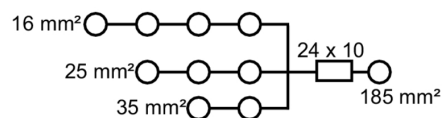
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Drawings



Technical data

Inputs
Number of connections
Solid
Stranded
Flexible with ferrule
Ribbon cable
Torque
Clamping screw
Stripping length
Outputs
Number of connections
Solid
Stranded
Flexible with ferrule
Torque
Clamping screw
Stripping length
No. of poles
Note

IEC 60947-7-1, UL 1059

top	mid./left	mid./mid.	mid./right	bottom
		1		1
		95...185mm²		
		70...185mm²		
		70...150mm²		
				24 x 10 mm
		19Nm		3Nm
		M 14 x 1		M 6 x 30
		27mm		22mm
top	mid./left	mid./mid.	mid./right	bottom
3		4		2
2.5...25mm²		1.5...16mm²		4...35mm²
2.5...25mm²		1.5...16mm²		4...35mm²
1.5...16mm²		1.5...16mm²		2.5...25mm²
2Nm		2Nm		2.5Nm
M 6 x 8		M 6 x 8		M 8 x 10
12mm		12mm		18mm
1				